INCH-POUND

MIL-S-39280
AMENDMENT 1
10 January 1992

MILITARY SPECIFICATION

SWITCHES, RADIO FREQUENCY TRANSMISSION
LINE (COAXIAL), GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-S-39280, dated 15 July 1988, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1, Under SPECIFICATIONS; FEDERAL, add the following:
"QQ-P-35 - Passivation Treatments for Corrosion Resisting Steel."

PAGE 3

2.1, Under STANDARDS; MILITARY, following MIL-STD-454, add "MIL-STD-810 - Environmental Test Methods and Engineering Guidelines."

PAGE 4

3.3.3, Delete:
",half-hard temper"

3.3.4: Delete in its entirety

3.3.5, first sentence, delete and substitute: "Aluminum alloy sheets and plates conform to composition 2024 of QQ-A-250/5, composition 5052 of QQ-A-250/8, composition 6061 of QQ-A-250/11, or composition 1100 of QQ-A-250/1, extruded aluminum alloys shall conform to 6063 of QQ-A-200/9 or composition 6061 of QQ-A-250/11."

3.3.6.2, delete and substitute:
"3.3.6.2 External surfaces. All external surfaces, except RF and power mating surfaces that are not electroplated, shall be painted with a semigloss or dull black enamel finish in accordance with type II of MIL-F-14072."

3.3.6.3, delete and substitute:
"3.3.6.3 Aluminum alloys. Aluminum alloy surfaces shall be nickel-plated, gold-plated, or chemically treated in accordance with MIL-C-5541, class 3. When surfaces are chemically treated, the RF and power mating surfaces shall be conductive."

PAGE 6

3.4.9: Delete in its entirety.

PAGE 11

TABLE I, finishes, applicable specification column: Delete "MIL-C-45204" and "MIL-A-14072" and substitute "MIL-G-45204" and "MIL-f-14072" respectively.

PAGE 24

4.7.18, delete and substitute:
"4.7.18 Resistance to solvents (see 3.13). Switches shall be tested in accordance with method 215 of MIL-STD-202. All portions of the switch shall be brushed. The RF connectors shall be capped."

PAGE 30

6.4.4, delete and substitute:
"6.4.4 An indicating circuit is a circuit that remotely indicates the switch position. This is normally done with indicator lights. The indicating circuit is a set of contacts or a switching circuit that is controlled by the same shaft or control circuit that operates the RF switch."

CONCLUDING MATERIAL

Custodians:
Army - ER
Navy - EC
Air Force - 85

Review activities:
Army - MI
Navy - OS
Air Force - 11, 99
DLA - ES

User activities:
Army - AV
Navy - AS, MC
Air Force - 19

Preparing activity:
Navy - EC

Agent:
DLA - ES

(Project 5985-1045)